

Fig. 1

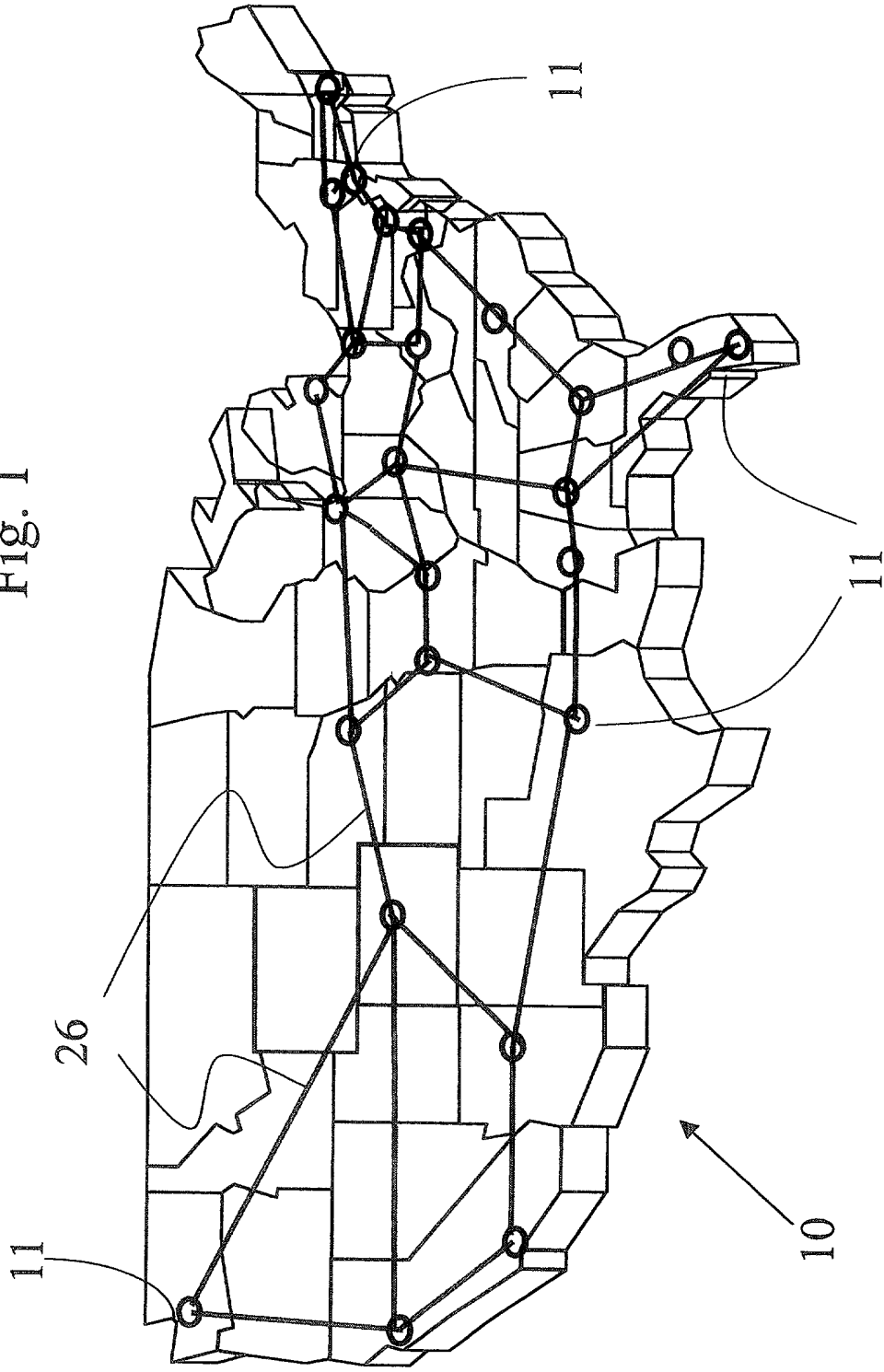


Fig. 2

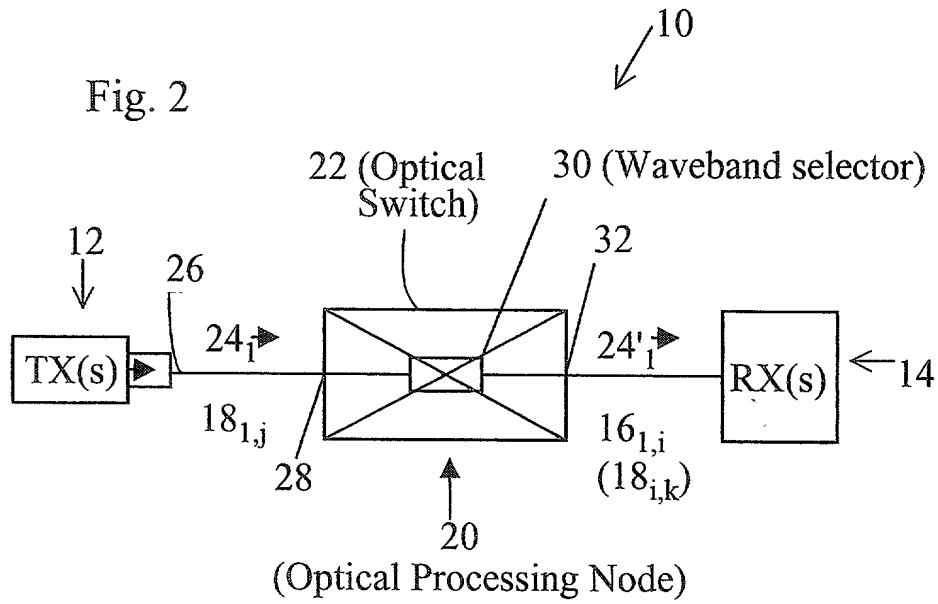
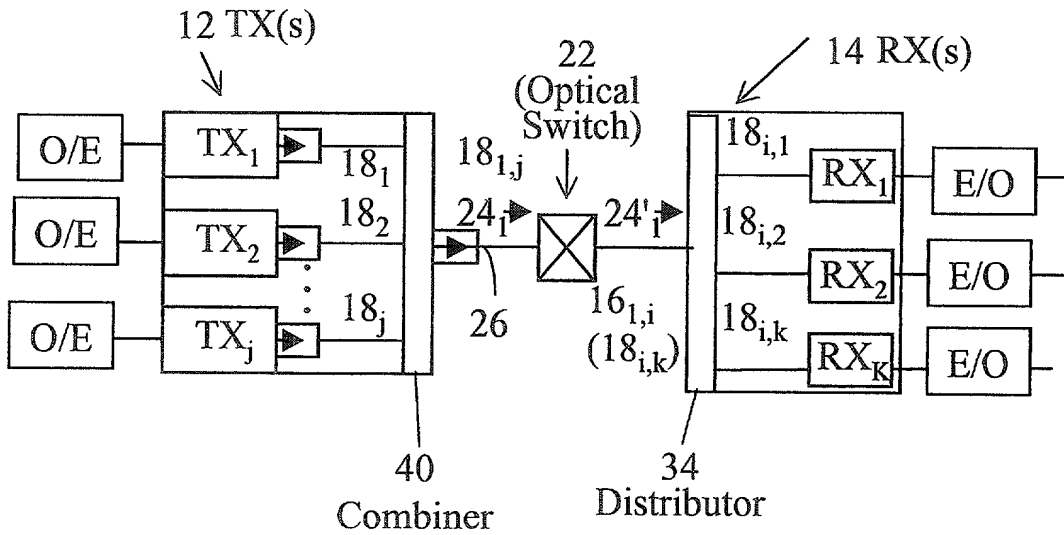


Fig. 4



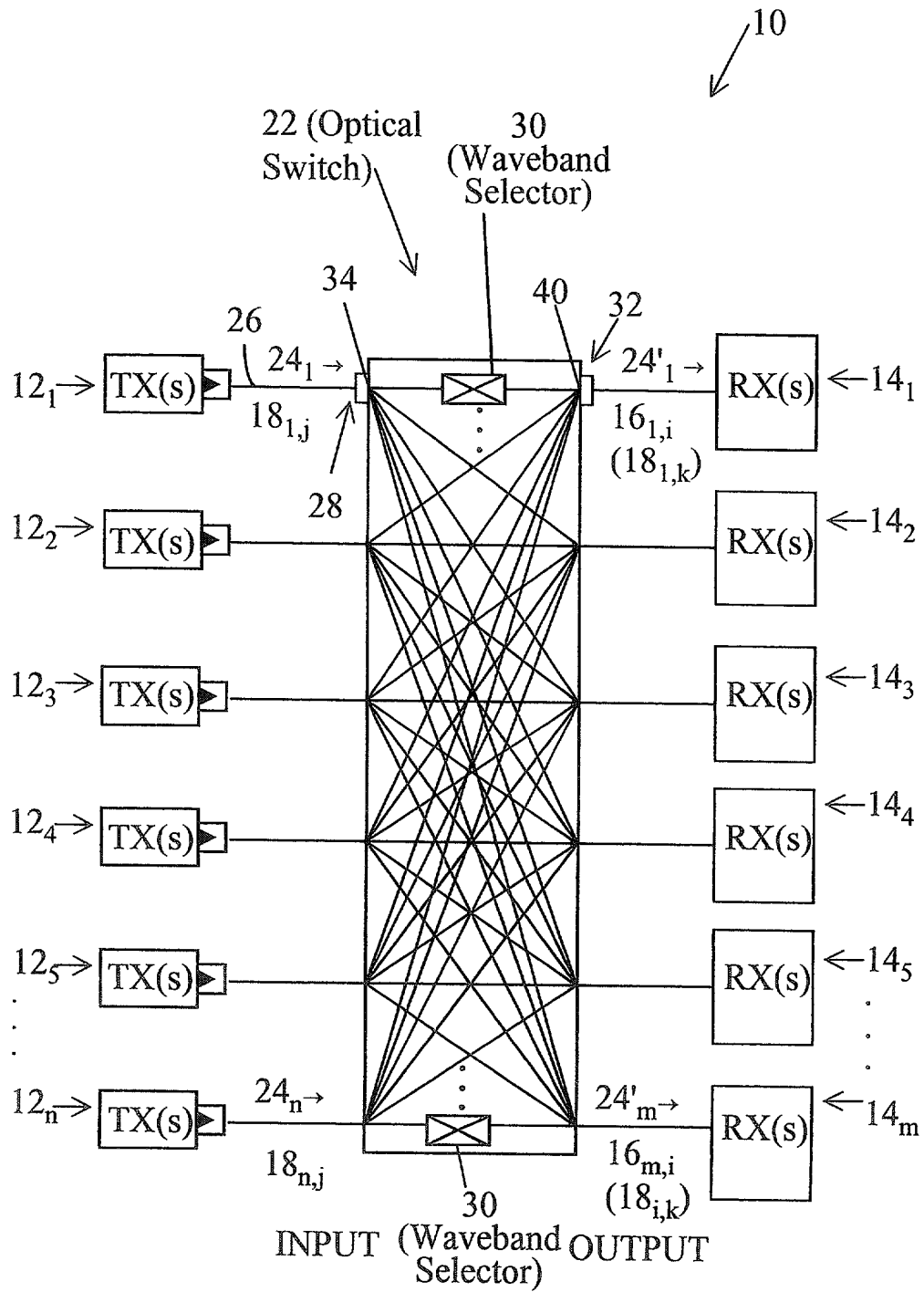


Fig. 3

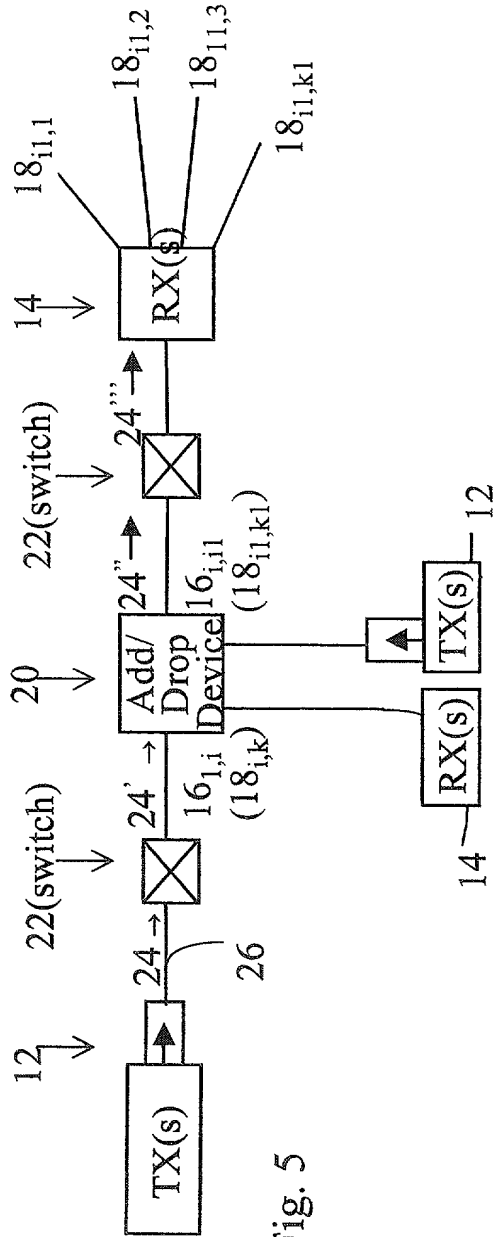


Fig. 5

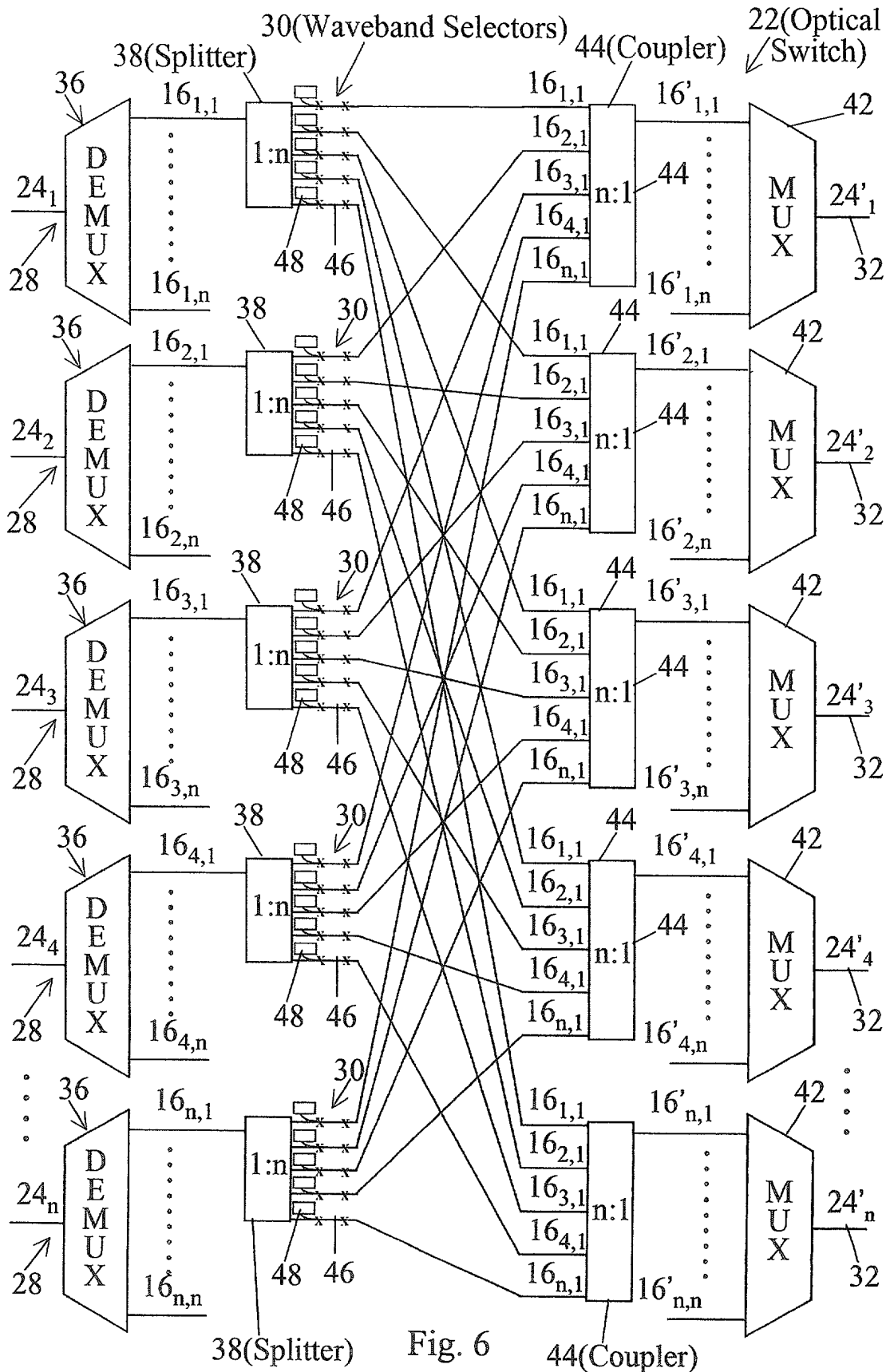
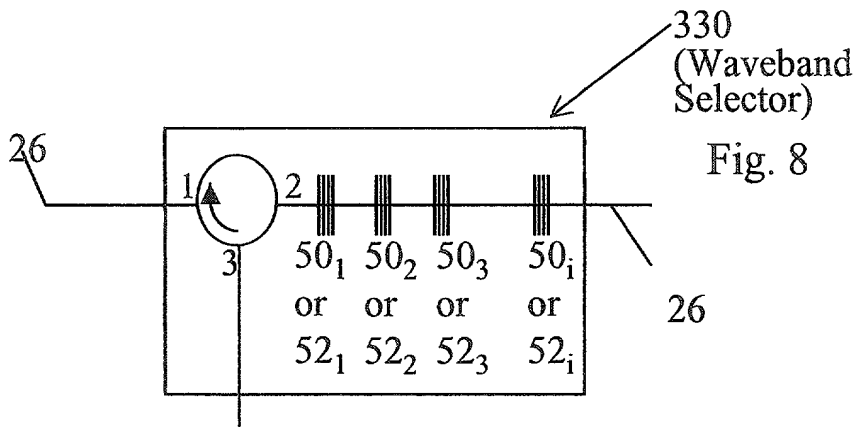
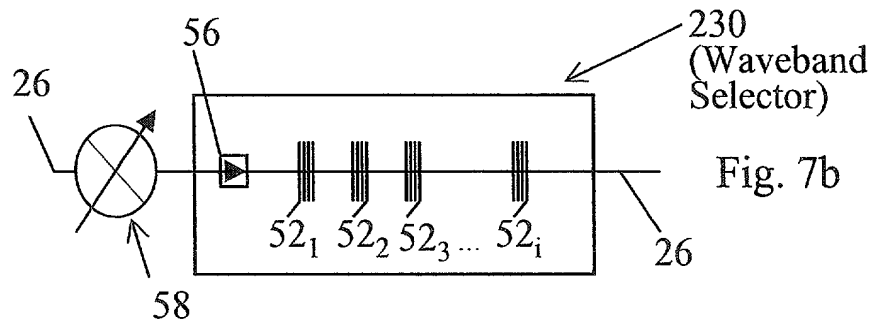
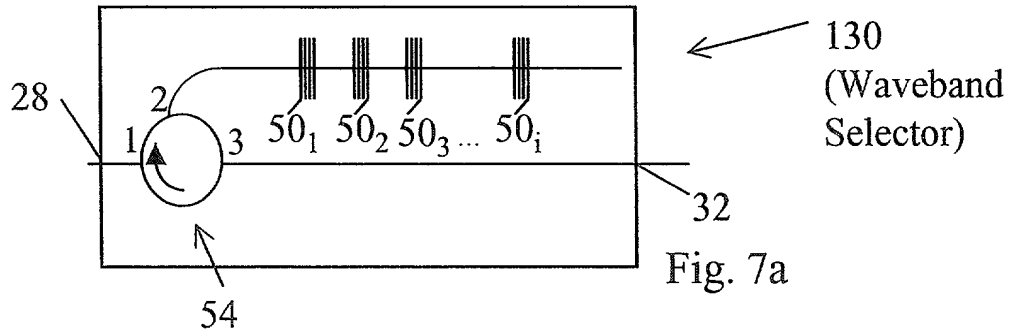


Fig. 6  
5/20



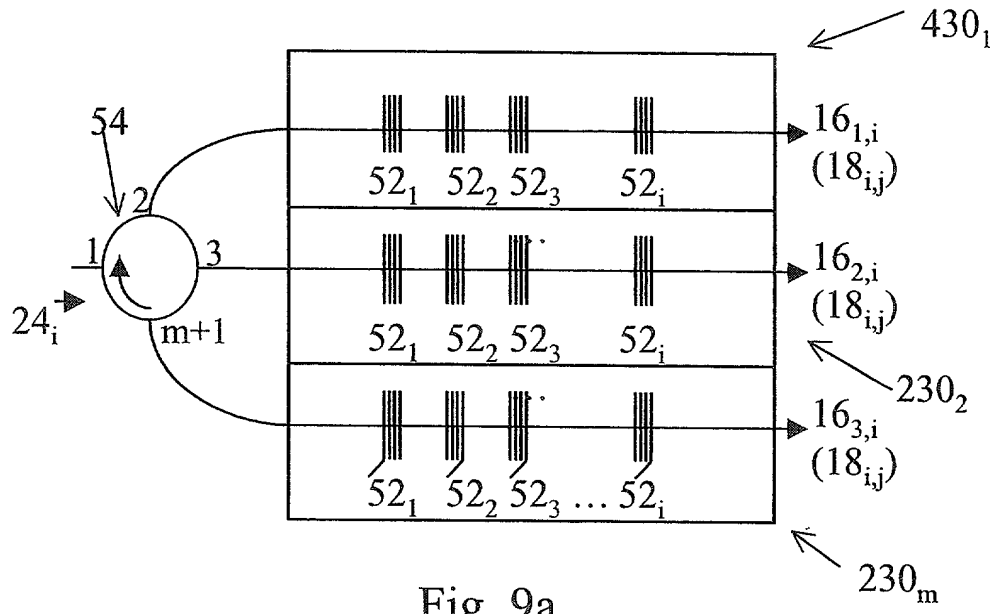


Fig. 9a

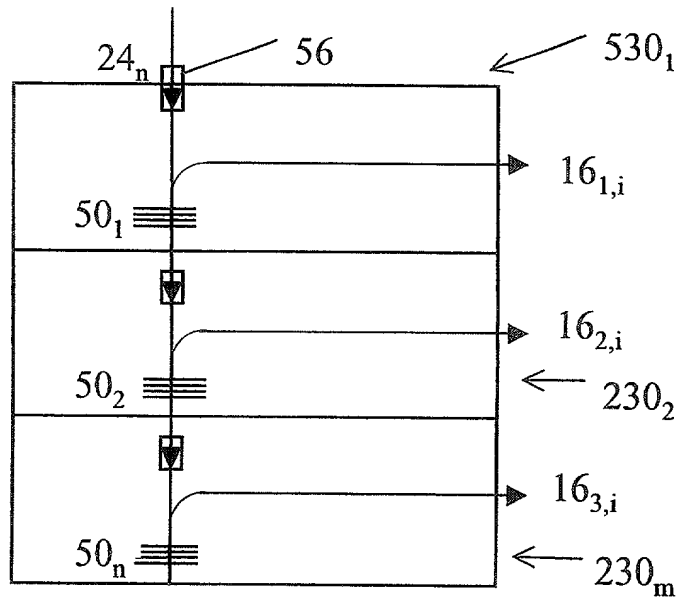
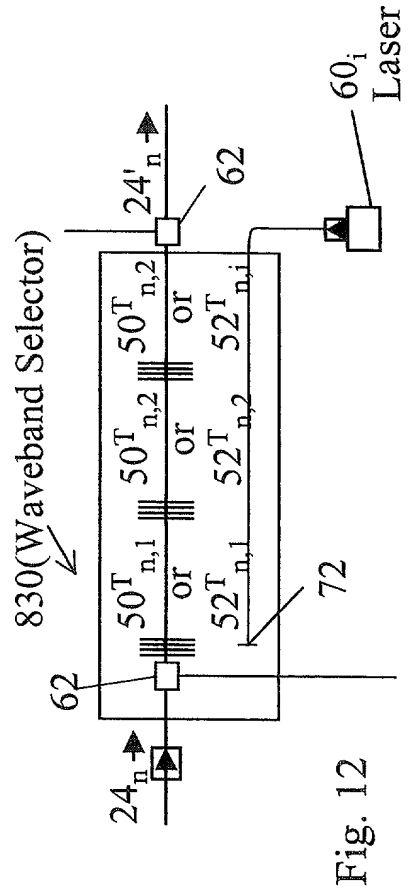
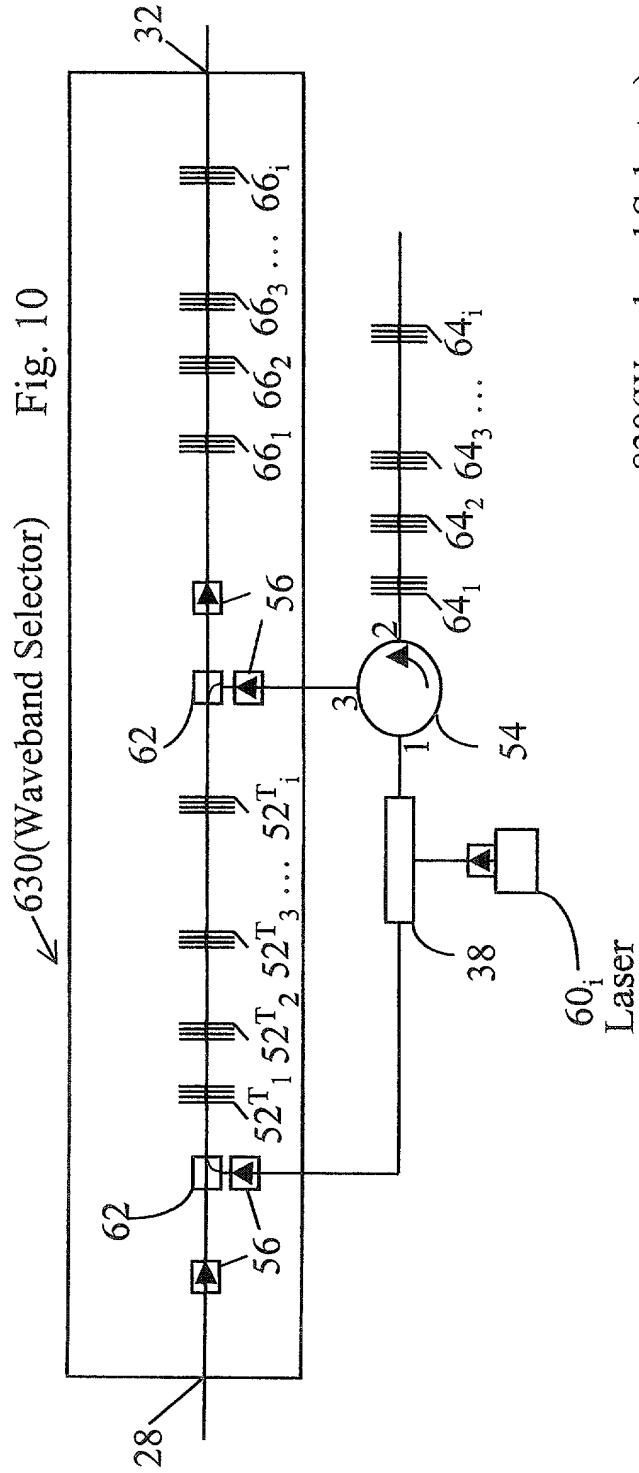
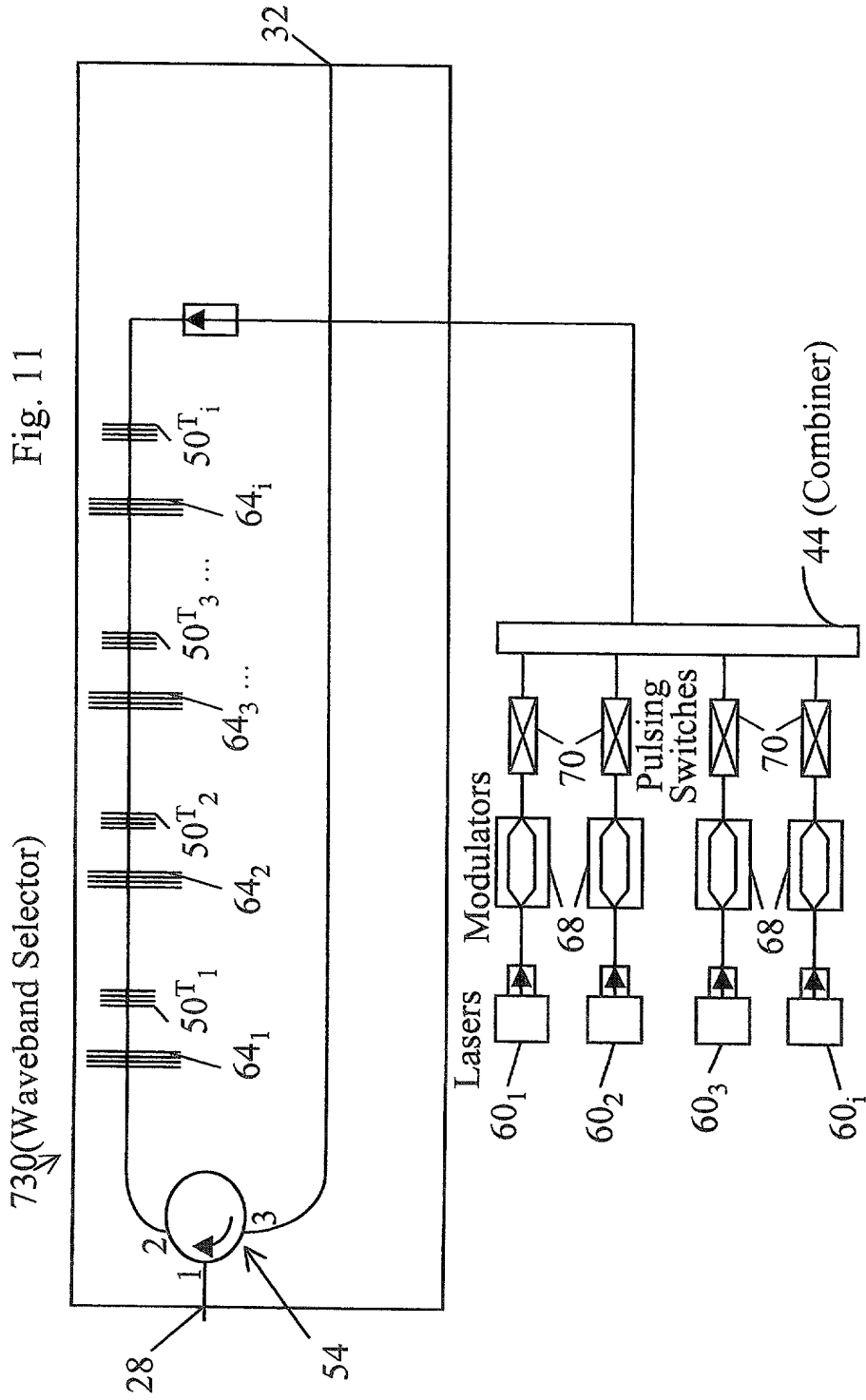


Fig. 9b







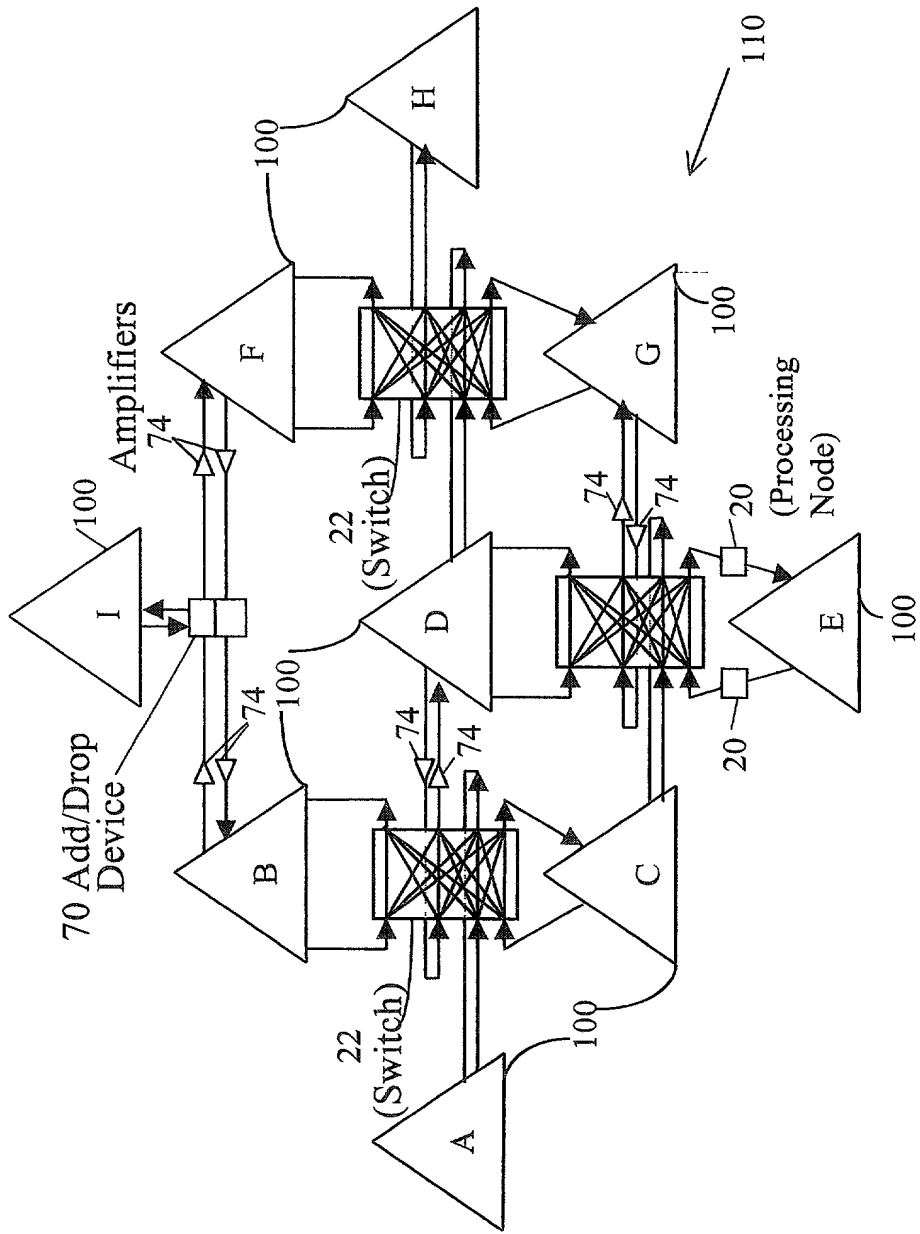


Fig. 13

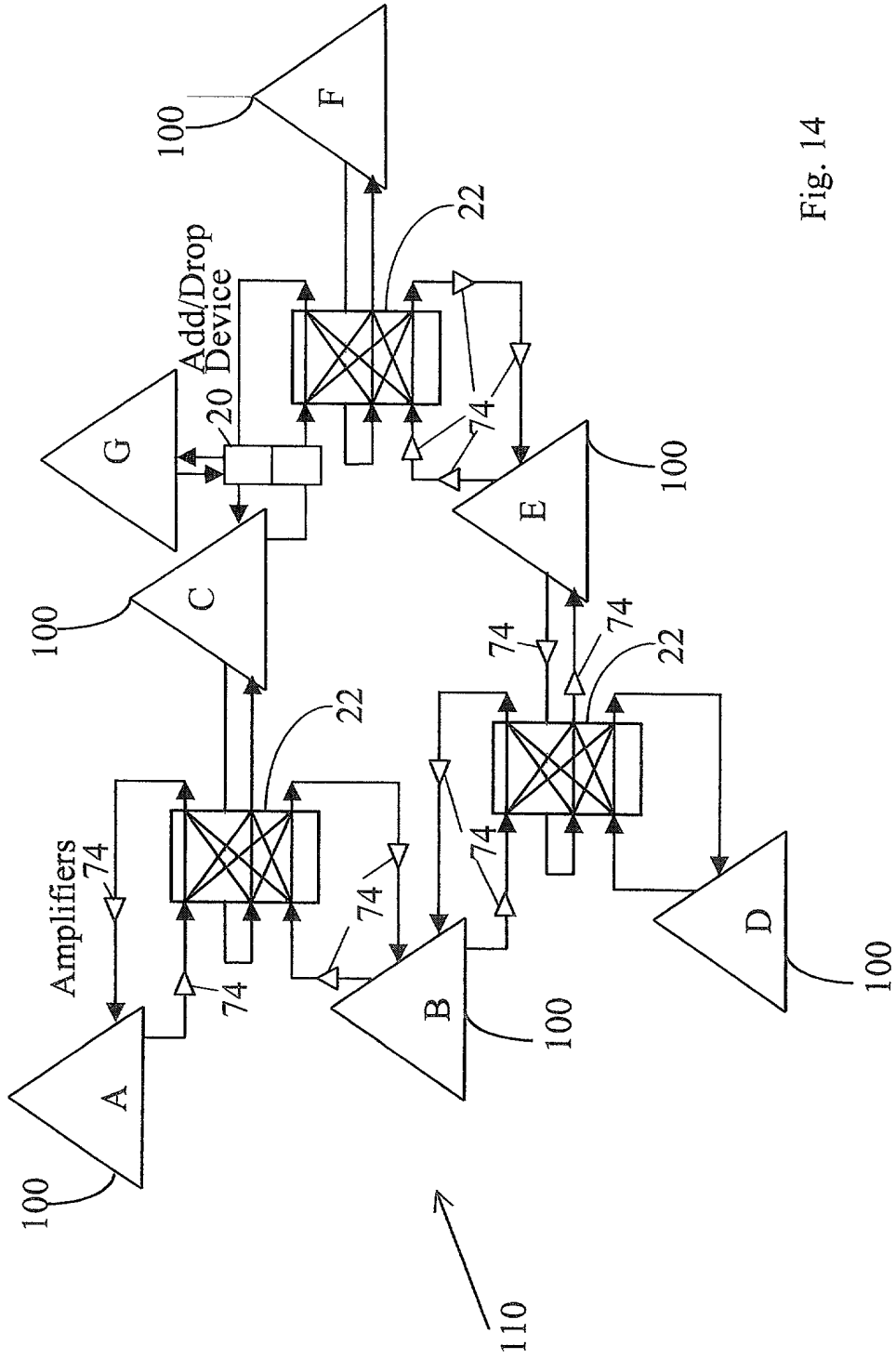


Fig. 14

ROUTING CONNECTIONS

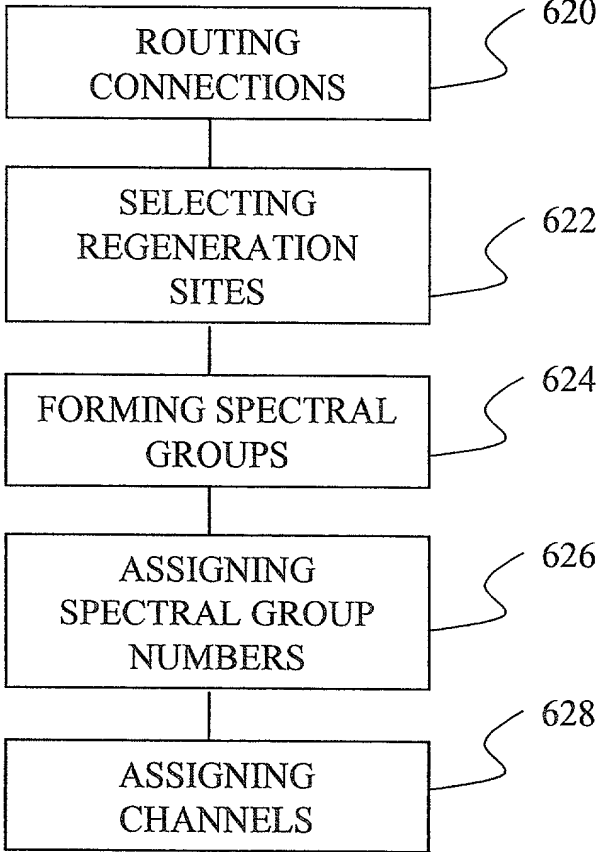


Fig. 15

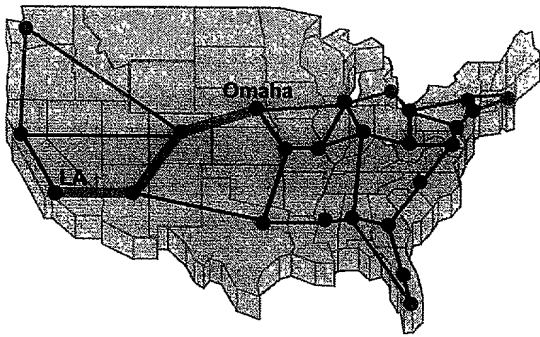


Fig. 16a

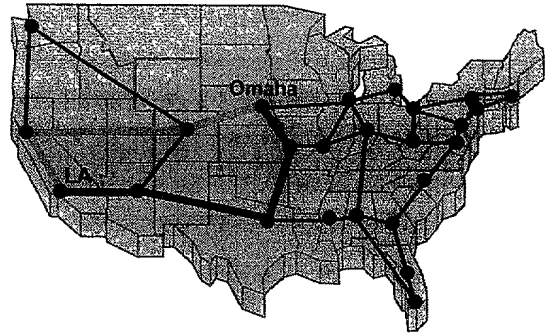


Fig. 16b

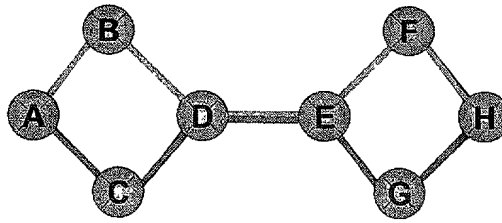


Fig. 17

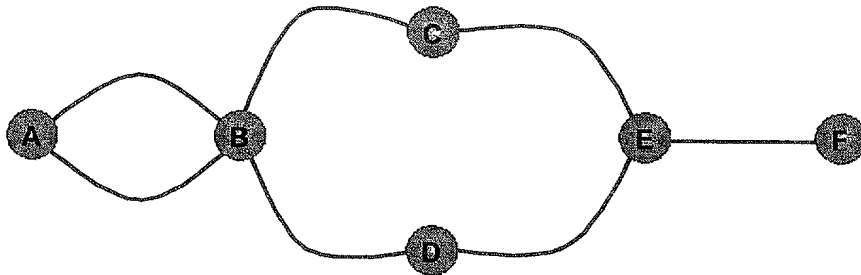


Fig. 18

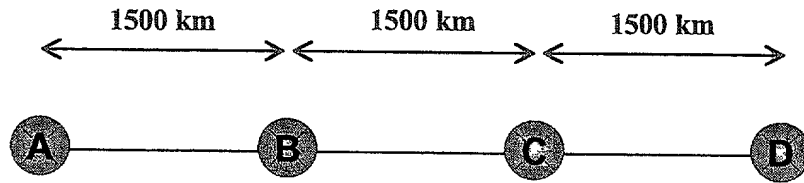


Fig. 19

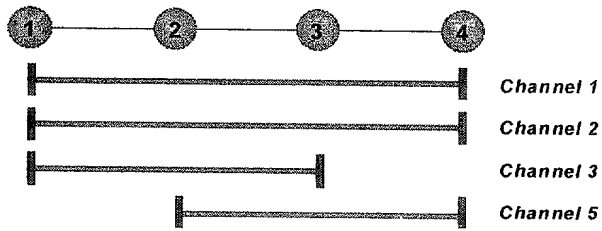


Fig. 20

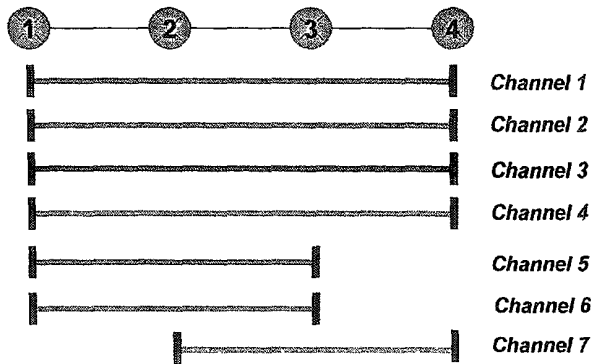


Fig. 21

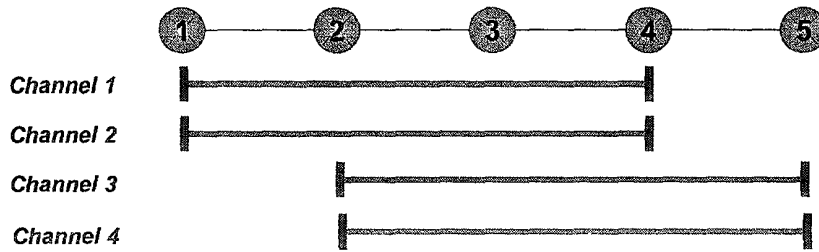


Fig. 22

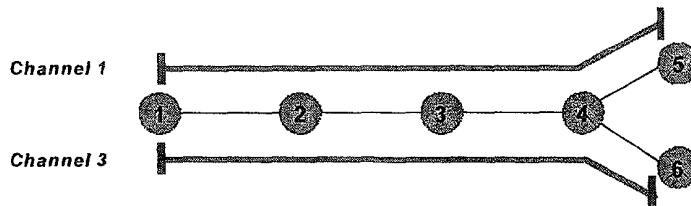


Fig. 23

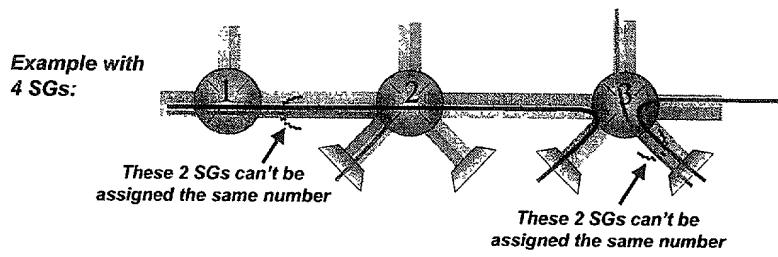
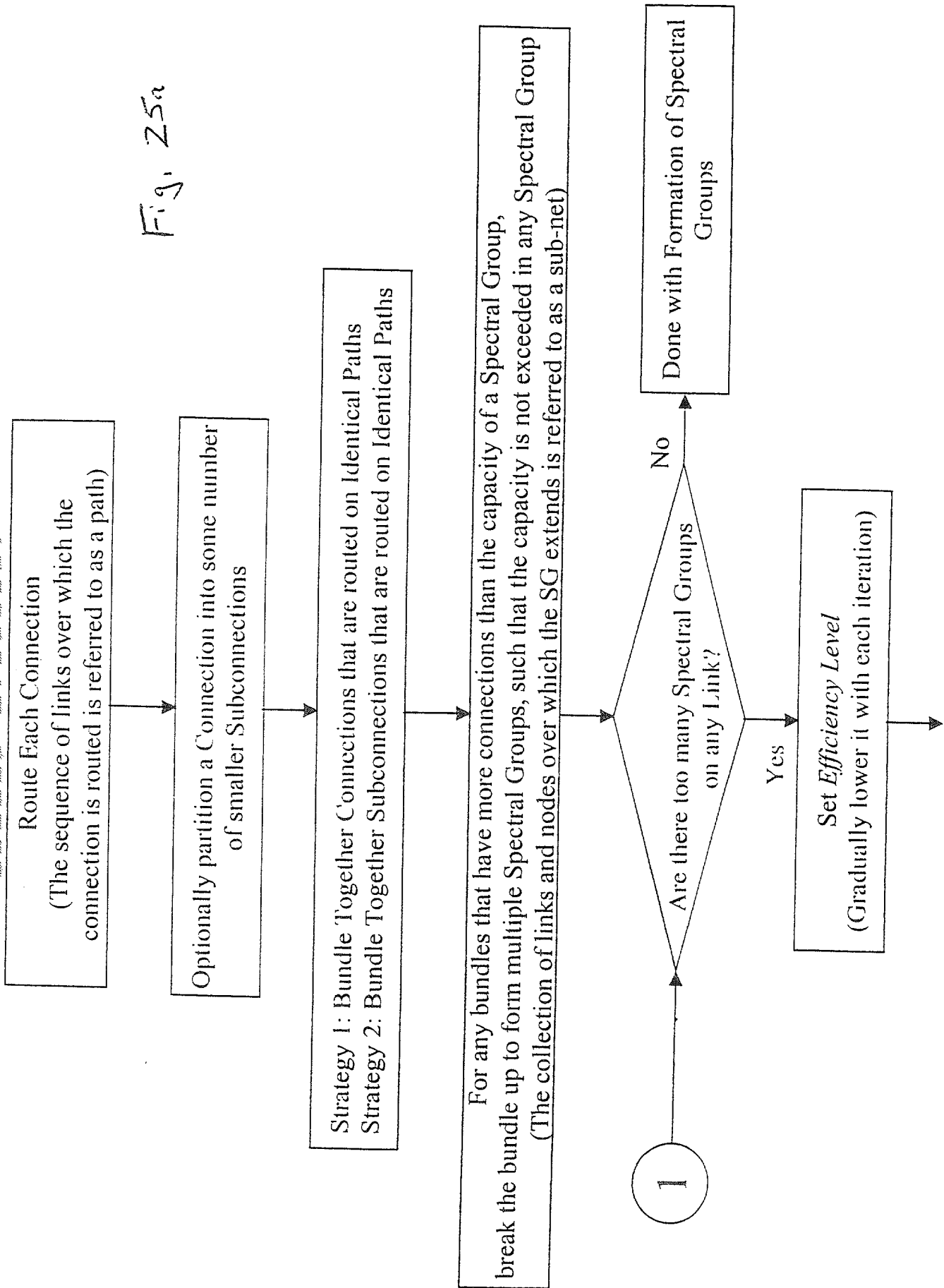


Fig. 24



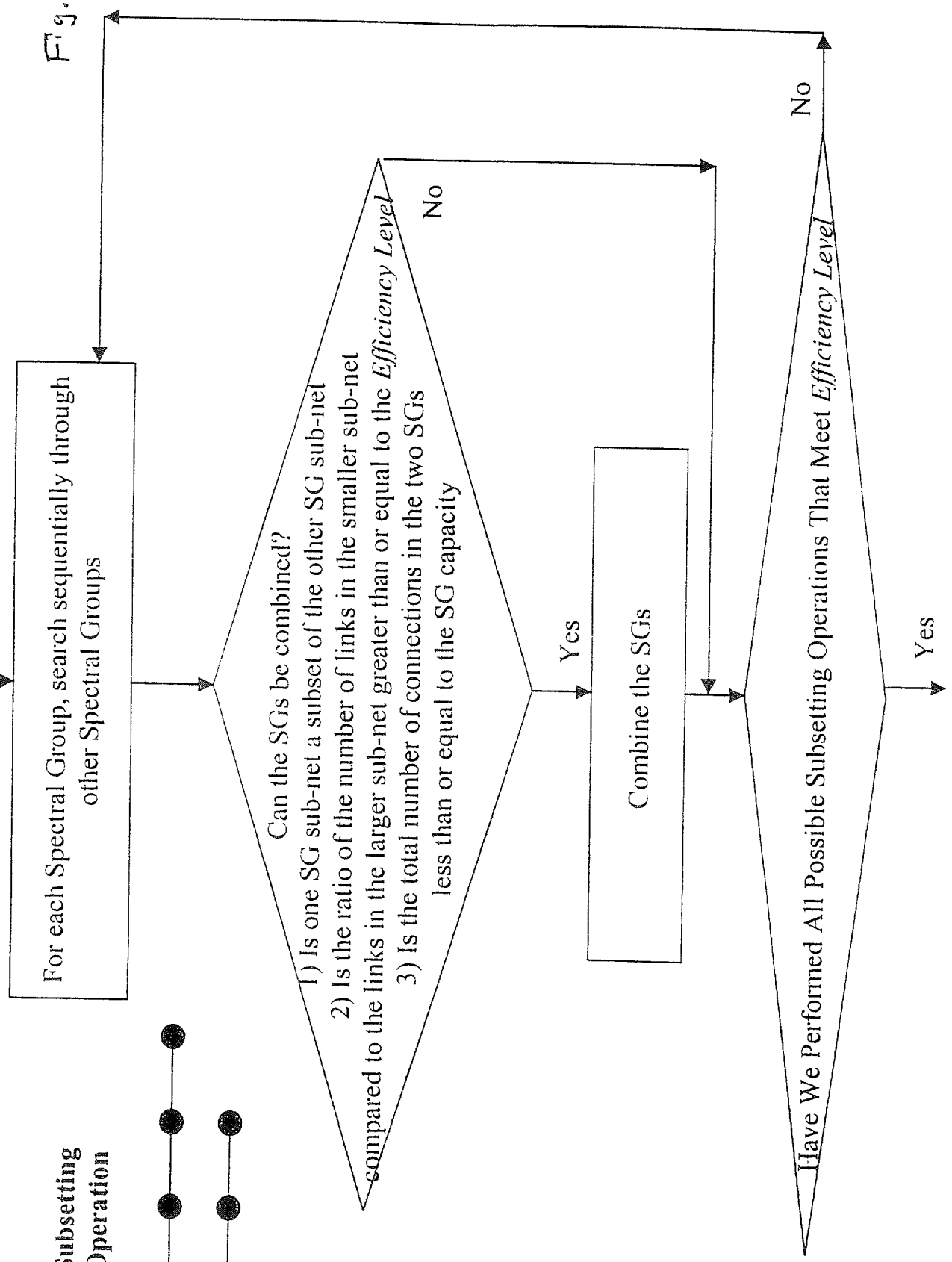
# CONNECTION

Fig. 25a

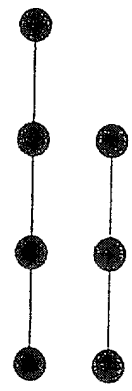


# EFFICIENT SUBSETTING

Fig. 25b

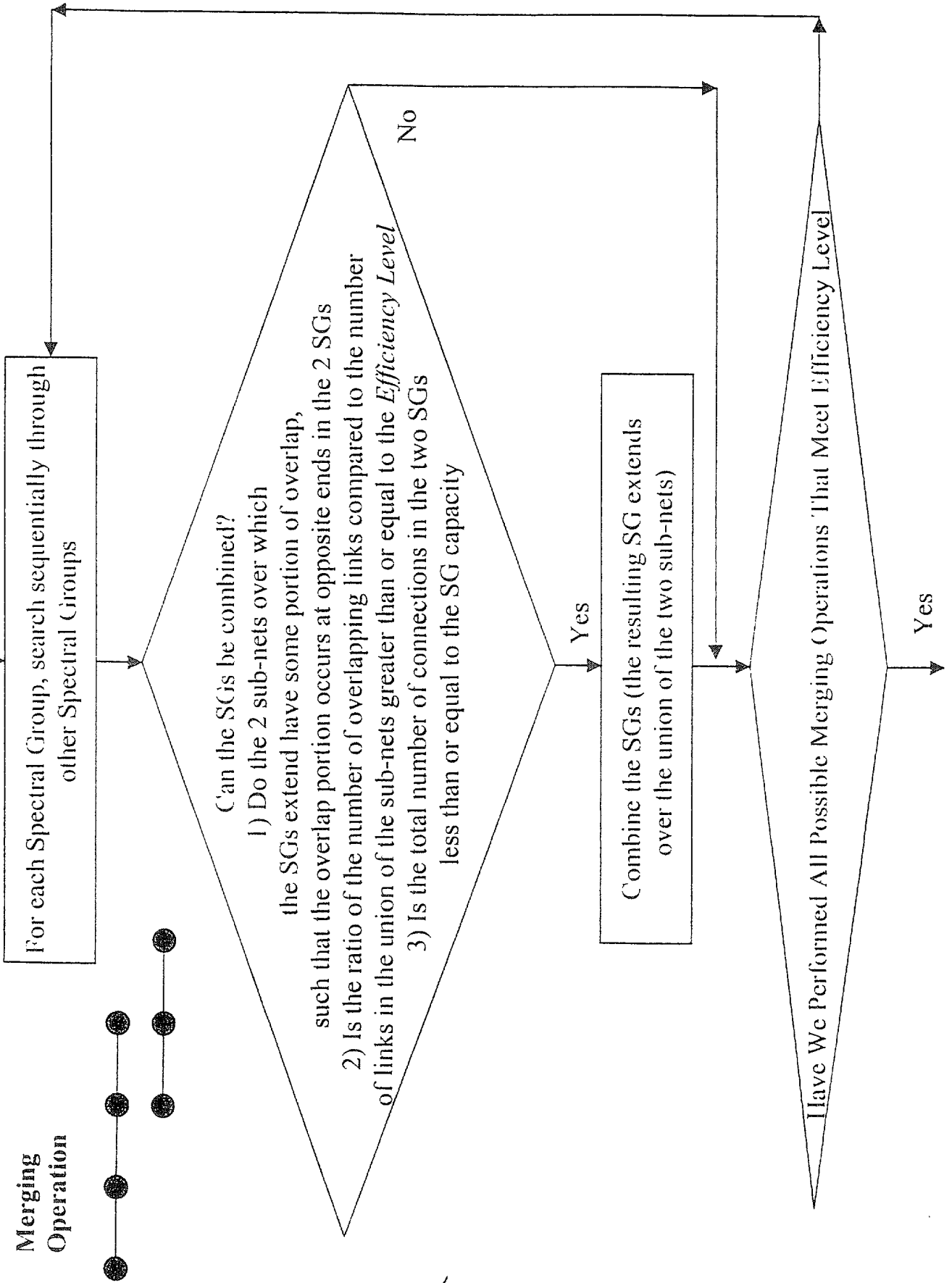


Subsetting Operation



02/81

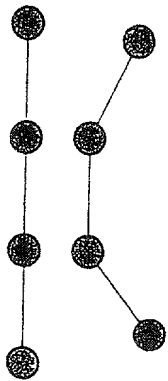
FIG. 25C



19/20

BRANCHING OPERATION

For each SG, search sequentially through other SGs



Can the SGs be combined?

- 1) Do the 2 sub-nets over which the SGs extend have some portion of overlap,
- 2) Is the ratio of the number of overlapping links compared to the number of links in the union of the SGs greater than or equal to the *Efficiency Level*
- 3) Is the total number of connections in the two SGs less than or equal to the bundle capacity

Yes

Combine the SGs (the resulting SG extends over the union of the two sub-nets)

Have We Performed All Possible Branching Operations That Meet Efficiency Level

Yes



Fig. 25d